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(Item 1 from file: 351)
451042 WPI Acc No: 85-277920/45
AM Acc No: C85-120410
RPX Acc No: N85-207300
(New *embryo*-*genic* *callus* and cell suspensions of corn in-bred B73 useful for regeneration of whole plants for in vitro selection of plants with desirable trait(s)
Index Terms: NEW CALLUS CELL SUSPENSION CORN BRED ; USEFUL REGENERATE WHOLE PLANT VITRO SELECT PLANT TRAIT
Patent Assignee: (STAU) STAUFFER CHEMICAL CO
Author (Inventor): LOWER K S
Number of Patents: 009
Patent Family:

CC Number	Kind	Date	Week	
EP 160390	A	851106	8545	(Basic)
AU 8541231	A	851024	8549	
BR 8501779	A	851210	8605	
PT 80287	A	860120	8608	
ZA 8502787	A	860530	8635	
HU T41439	A	870428	8721	
ES 8703239	A	870501	8724	
DD 246315	A	870603	8742	
RO 93373	A	880330	8832	

Priority Data (CC No Date): US 600855 (840416)
Applications (CC,No,Date): EP 85302096 (850326); ZA 852787 (850415); ES 542304 (850416)
Language: English
Cited Patents: A3...8714; WO 8301176; 6.Jnl.REF
Designated States (Regional): AT; DE; FR; IT
Abstract (Basic): EP 160390
Embryogenic callus and embryogenic cell suspns. of corn inbred B73 and their clones are new.
Corn plants and their seed regenerated from embryogenic callus and embryogenic cell suspn. of corn inbred B73 and their clones are new.
The corresp. mutagenised callus and cells suspns., and plants and seeds are new.
Progeny of corn plants regenerated from embryogenic callus and embryogenic cells suspns. of corn inbred B73 and their clones. the progeny including mutants and variant progeny, are new.
USE/ADVANTAGE - Whole plants can be regenerated from the embryogenic tissue and cell suspn. cultures of corn inbred B73 so that in vitro selections for desirable traits or against undesirable traits can be made. The cultures may be exposed to herbicides or pathotoxins for selection of resistant tissues and cells, and for regeneration of resistant plants. In this way improved corn crops can be obtd. @(26pp Dwg.No.0/4)@
File Segment: CPI
Derwent Class: C03; D16; P13;
Int Pat Class: A01G-007/00; A01H-005/10; A01H-001/06; C12N-005/00; A01H-000/00
Manual Codes (CPI/A-N): C04-A07D; C04-B04A; D05-A04; D05-H
Chemical Fragment Codes (M1):
01 M423 M710 M903 N135 N136 Q233 V400 V404 V754